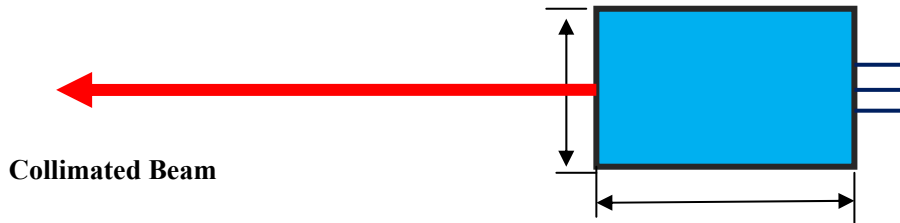


**660nm Collimated Laser Diode Module | Single Mode LD| 150mw~200mw Output Power| Collimation Beam  
 650nm~660nm LD| Small Compact Package| Built-in TEC Cooling Optional  
 WSLM-660-150m-K Wavespectrum Laser, Inc. www.wavespectrum-laser.com**

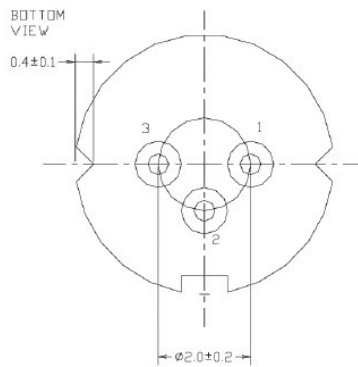
660nm Collimated Laser Diode		150mw		Wavespectrum Laser, Inc			
PARAMETER		SYMBOL		VALUE		UNIT	
Reverse Voltage		$V_r$		2.0		V	
Operating Temperature		$T_{op}$		-10 ~ +75		°C	
Storage Temperature		$T_{stg}$		-40 ~ +100		°C	
Lead soldering temperature (10 sec.)		$T_{is}$		260		°C	
<b>Features:</b> <ul style="list-style-type: none"> <li>• 660nm</li> <li>• CW/ Pulsed Mode</li> <li>• Collimated Laser Beam</li> <li>• Small Compact Package</li> <li>• Excellent Beam Quality</li> <li>• Built-in TEC Cooling Optional</li> </ul>							
<b>Specifications</b>		<b>WSLM-660-150m-K</b>					
		Min		Type		Max	
Center Wavelength@25°C		654nm		660nm		664nm	
Output Power	(CW Mode)	----		150mW		----	
	(Pulsed Mode)	----		300mW		350mW	
		Pulse Width: 30ns , Duty: 30%					
Spatial Mode		Single Mode					
Lens Type		Aspheric Lens (with AR Coating)					
Beam Shape		Elliptical					
Beam Diameter @ Aperture		----		3mm <sub>⊥</sub> x 1.5mm <sub>//</sub>		----	
Beam Divergence (Full Angle)		----		----		1mrad	
Recommend Operating Temperature		25 °C					
Threshold Current (Typ.)		----		40mA		70mA	
Operating Current (Typ.)		----		230mA		260mA	
Operating Voltage		----		2.5V		3.0V	
Housing Material		Aluminum					
Housing Dimensions		Customized					



## Drawing



## PIN Bottom View:



<b>1</b>	<b>LD(+)</b>
<b>2</b>	<b>LD(-)</b>
<b>3</b>	<b>NC</b>

Electrically shorten LD module and store in non-extreme conditions.  
 Suggest using the constant current power supply.

